

# **ABSTRACT**

A protective layer (7) formed of a metal or  
5 metal alloy capable of absorbing considerable  
thermomechanical deformations without causing fissures  
to appear is described for energy storage systems. In  
particular, the metal or the metal alloy has an  
expansion coefficient less than  $6.10^{-6}^{\circ}\text{C}^{-1}$ .

10 The protective layer may be associated with  
a second layer (6) in insulating ceramic.

A deposition method is described.

Said protection is principally advantageous  
for microbatteries (10), the constituents of which are  
15 reactive to air.

(Unique figure)